

What is claimed is:

1. A dynamic shaft seal component, comprising;

a disc that is generally flat and annular in shape having an outer perimeter and an inner perimeter for receiving a shaft, said disc comprising a mixture of PTFE resin powder and a susceptor material, said susceptor material rendering said mixture sinterable using microwave energy so that said PTFE resin powder and said susceptor material are crosslinked to form said disc.

2. The dynamic shaft seal of claim 1 wherein said susceptor material is comprised of graphite.

3. The dynamic shaft seal of claim 1 wherein the mixture of PTFE resin powder and the susceptor material is a generally homogenous mixture.